

1	M	A	A	L	Q	K	S	V	S	S	F	L	M	G	T	L	A	T	S	C	L	L	L	A	L	L	V	Q	G	5571181	
1	M	-	-	-	P	S	S	A	L	L	-	-	-	-	-	-	-	-	C	C	L	V	F	L	A	G	V	A	A	S	GI511295
1	M	-	-	-	H	S	S	-	A	L	L	-	-	-	-	-	-	-	C	C	L	V	L	L	T	G	V	R	A	S	GI1841298
1	M	-	-	-	H	S	S	-	A	L	L	-	-	-	-	-	-	-	C	C	L	V	L	L	T	G	V	R	A	S	GI106805
31	-	G	A	A	P	I	S	S	H	C	R	L	D	K	S	N	F	Q	Q	P	Y	I	T	N	R	T	-	F	M	5571181	
21	R	D	A	S	A	P	S	D	S	C	T	H	F	S	N	S	L	P	L	M	L	R	E	L	R	T	A	F	S	GI511295	
20	P	G	Q	G	T	Q	S	E	N	S	C	T	R	F	P	G	N	L	P	H	M	L	R	D	L	R	D	A	F	S	GI1841298
20	P	G	Q	G	T	Q	S	E	N	S	C	T	H	F	P	G	N	L	P	N	M	L	R	D	L	R	D	A	F	S	GI106805
59	L	A	K	E	A	S	L	A	D	N	N	T	D	V	R	L	I	G	E	K	L	F	H	G	V	S	M	S	E	R	5571181
51	R	V	K	N	F	Q	M	K	D	Q	L	D	S	M	L	L	T	Q	S	L	L	D	D	F	K	G	Y	L	G	GI511295	
50	R	V	K	T	F	Q	M	K	D	Q	L	D	N	I	L	L	L	K	E	S	L	L	E	D	F	K	G	Y	L	G	GI1841298
50	R	V	K	T	F	Q	M	K	D	Q	L	D	N	L	L	L	L	K	E	S	L	L	E	D	F	K	G	Y	L	G	GI106805
89	C	Y	L	M	K	Q	V	L	N	F	T	L	E	E	V	L	F	P	Q	S	D	R	F	Q	P	Y	M	Q	E	V	5571181
81	C	Q	A	L	S	E	M	I	Q	F	Y	L	E	E	V	M	-	P	Q	A	E	N	H	G	P	E	I	K	E	H	GI511295
80	C	Q	A	L	S	E	M	I	Q	F	Y	L	E	E	V	M	-	P	Q	A	E	N	H	D	P	D	I	K	E	H	GI1841298
80	C	Q	A	L	S	E	M	I	Q	F	Y	L	E	E	V	M	-	P	Q	A	E	N	Q	D	P	D	I	K	A	H	GI106805
119	V	P	F	L	A	R	-	-	-	-	L	S	N	R	L	S	T	C	H	I	E	G	D	D	L	H	I	Q	R	N	5571181
110	V	N	S	L	G	E	K	L	K	T	L	R	L	R	L	R	R	C	H	R	F	L	P	C	E	N	K	S	K	A	GI511295
109	V	N	S	L	G	E	N	L	K	T	L	R	L	R	L	R	R	C	H	R	F	L	P	C	E	N	K	S	K	A	GI1841298
109	V	N	S	L	G	E	N	L	K	T	L	R	L	R	L	R	R	C	H	R	F	L	P	C	E	N	K	S	K	A	GI106805

FIGURE 1A

145	V	Q	K	L	K	D	T	V	K	K	L	G	E	S	G	E	I	K	A	I	G	E	L	D	L	L	-	-	-	-	5571181
140	V	E	Q	V	K	S	V	F	S	K	L	Q	E	R	G	V	Y	K	A	M	S	E	F	D	I	F	I	N	Y	I	GI511295
139	V	E	Q	V	K	N	A	F	S	K	L	Q	E	K	G	V	Y	K	A	M	S	E	F	D	I	F	I	N	Y	I	GI1841298
139	V	E	Q	V	K	N	A	F	N	K	L	Q	E	K	G	I	Y	K	A	M	S	E	F	D	I	F	I	N	Y	I	GI106805

171	-	-	F	M	S	-	L	R	N	A	C	I																				
170	E	T	Y	T	T	M	K	M	K	-	N																					5571181
169	E	A	Y	M	T	M	K	I	R	-	N																					GI511295
169	E	A	Y	M	T	M	K	I	R	-	N																					GI1841298
																																GI106805

FIGURE 1B